



Public health responses to climate change health impacts in Indonesia

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Abstract:

Although climate change is a global concern, there are particular considerations for Indonesia as an archipelagic nation. These include the vulnerability of people living in small islands and coastal areas to rising sea levels; the expansion of the important mosquito-borne diseases, particularly malaria and dengue, into areas that lack of immunity; and the increase in water-borne diseases and malnutrition. This article proposes a set of public health responses to climate change health impacts in Indonesia. Some important principles and practices in public health are highlighted, to develop effective public health approaches to climate change in Indonesia.

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Resource Description

Communication:

resource focus on research or methods on how to communicate or frame issues on climate change; surveys of attitudes, knowledge, beliefs about climate change

A focus of content

Communication Audience:

audience to whom the resource is directed

Health Professional, Policymaker

Early Warning System:

resource focus on systems used to warn populations of high temperatures, extreme weather, or other elements of climate change to prevent harm to health

A focus of content

Exposure :

weather or climate related pathway by which climate change affects health

Extreme Weather Event, Food/Water Security, Human Conflict/Displacement, Sea Level Rise, Temperature

Extreme Weather Event: Drought, Wildfires

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Food/Water Security: Agricultural Productivity

Temperature: Extreme Heat

Geographic Feature: 

resource focuses on specific type of geography

Ocean/Coastal

Geographic Location: 

resource focuses on specific location

Non-United States

Non-United States: Asia

Asian Region/Country: Other Asian Country

Other Asian Country: Indonesia

Health Impact: 

specification of health effect or disease related to climate change exposure

Infectious Disease, Malnutrition/Undernutrition

Infectious Disease: Foodborne/Waterborne Disease, Vectorborne Disease

Vectorborne Disease: Mosquito-borne Disease

Mosquito-borne Disease: Dengue, Malaria

Intervention: 

strategy to prepare for or reduce the impact of climate change on health

A focus of content

Mitigation/Adaptation: 

mitigation or adaptation strategy is a focus of resource

Adaptation, Mitigation

Population of Concern: A focus of content

Population of Concern: 

populations at particular risk or vulnerability to climate change impacts

Low Socioeconomic Status

Resource Type: 

format or standard characteristic of resource

Review

Resilience: 

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capacity of an individual, community, or institution to dynamically and effectively respond or adapt to shifting climate impact circumstances while continuing to function

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Timescale:

time period studied

Time Scale Unspecified

Vulnerability/Impact Assessment:

resource focus on process of identifying, quantifying, and prioritizing vulnerabilities in a system

A focus of content